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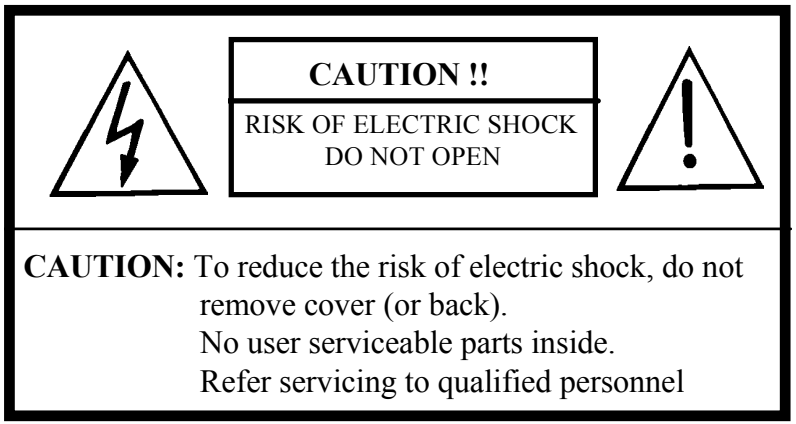
ENGLISH

1. Caution and Warning


CAUTION !!
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: To reduce the risk of electric shock, do not remove cover (or back).
No user serviceable parts inside.
Refer servicing to qualified personnel

WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS MONITOR TO RAIN OR MOISTURE.

"HIGH VOLTAGE EXISTS ON THE BACK LIGHT POWER LEAD OF THIS MONITOR. BEFORE SERVICING, DETERMINE THE PRESENCE OF HIGH VOLTAGE BY CONNECTING THE H.V. METER BETWEEN THE BACK LIGHT POWER LEAD AND CHASSIS ONLY."

2. FCC Requirements

" This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation."

The equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in strict accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measure:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Shielded interconnected cables and shield power cords must be employed with this equipment to insure compliance with the pertinent RFD emission limits governing this device.

Changes or modifications no expressly approved by the manufacturer could void the user authority to operate the equipment.

Notice of Compliance with Canadian Interference-causing Equipment Regulations

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numique de la Classe B respecte toutes les exigences du Rlement sur le matiel brouilleur du Canada.

3. Product Safety Precautions

Follow all warnings and instructions marked on the product.
Do not use this product near water.
This display should be installed on a solid horizontal base.

When cleaning, use only a neutral detergent cleaner with a soft damp cloth. Do not spray with liquid or aerosol cleaners.

Do not expose this display to direct sunlight or heat. Hot air may cause damage to the cabinet and other parts.

Adequate ventilation must be maintained to ensure reliable and continued operation and to protect the display from overheating. Do not block ventilation slots and openings with objects or install the display in a place where ventilation may be hindered.

This display should be operated from the type of power source indicated on the AC/DC adapter.
Do not install this display near a motor or transformer where strong magnetism is generated. Images on the display will become distorted and the color irregular.
Do not allow metal pieces or objects of any kind fall into the display from ventilation holes.

Do not attempt to service this unit yourself. Removal of the display cover may expose you to dangerous voltage or other risks. Refer all servicing to qualified service personnel.

Unplug this product from the wall outlet and refer servicing to qualified service personnel in the event that:

1. Liquid is spilled into the product or the product is exposed to rain or water.
2. The product does not operate normally when the operating instructions are followed.
3. The product has been dropped or the cabinet has been damaged.
4. The product exhibits a distinct change in performance, indicating a need for service.
5. Power cord or plug is damaged or frayed.

4. Introduction

Welcome to enjoy the fantastic sightseeing world. This new technology will bring you the whole new feeling about the “monitor”. We show here some of the major advantages of the LCD monitor. You will really find some other advantages when you use it.

1. The character of low radiation and less flicker reduce the probability of harm for your health compared to traditional CRT monitor.

2. The LCD monitor weights only 7.5 Kg, and its compact size requires only minimal desktop space. These two merits make this monitor easier to be transported and can be used in nearly any environmental.

3. The LCD monitor operates on low power consumption level offering savings on power bills and the earth resources.

4. The special design of the LCD cabinet is both attractive and ergonomic.

5. The usage of the LCD monitor is the same as the CRT monitor. There is no need to change the hardware of your computer, just plug and play..

6. Building two 3 Watts speakers multimedia system.

5. Hardware Installation

This chapter will guide you the correct installation procedures of your LCD monitor.

5-1. Unpacking

After you unpack your LCD Monitor, please make sure that the following items are included in the carton and in good condition. If you find that any of these items are damaged or missing, please contact your dealer immediately.

- One LCD Monitor mounted on its stand
- 15-pin D-sub Video cable
- Audio cable
- AC/DC adapter with 12V DC output
- AC power cord
- The user manual

5-2. Installation

This analog LCD display **DOES NOT** require any special drivers. Necessary drivers are supplied by the video card manufacturer and may be found on the diskettes supplied with the video card that came with your computer. “Windows” drivers for both the display and the video card are supplied on the “Windows” CD or diskettes. Unfortunately, Microsoft did not provide a complete listing of the displays on the initial retail release. You may use the standard **SXGA (1280X1024 @60Hz)** as the display type. The video card must also be set up correctly in “Windows” and make sure the video output of the VGA card is on list in Section 6.1 or check your Video Card manual or “Windows” Read me file for further information on Video Card. After the question listed above is solved, we continue the setup procedure as below.

NOTE: The word “Windows” in this user guide refers to the following Microsoft operating systems: Windows ‘95, Windows NT, Windows ‘98, Windows 2000, Windows Me (Millennium), and Windows XP.

5. Hardware Installation

1. Turn power off both Computer and Display before making any connection.

2. Install Display on the solid horizontal surface such as a table or desk.

3. Connect the power cable and the AC/DC adapter, then connect adapter to the back of the LCD monitor.

4. The LCD monitor comes with a 15-pin to 15-pin video cable, you may use this cable for both IBM PC’s & compatibles and Macintosh.

IBM PC’s & COMPATIBLES

Use of the 15-pin to 15-pin connector cable: Connect one end of the signal cable to the 15-pin connector to the rear of the Display; and the other end to the 15-pin connector on the rear of the computer.

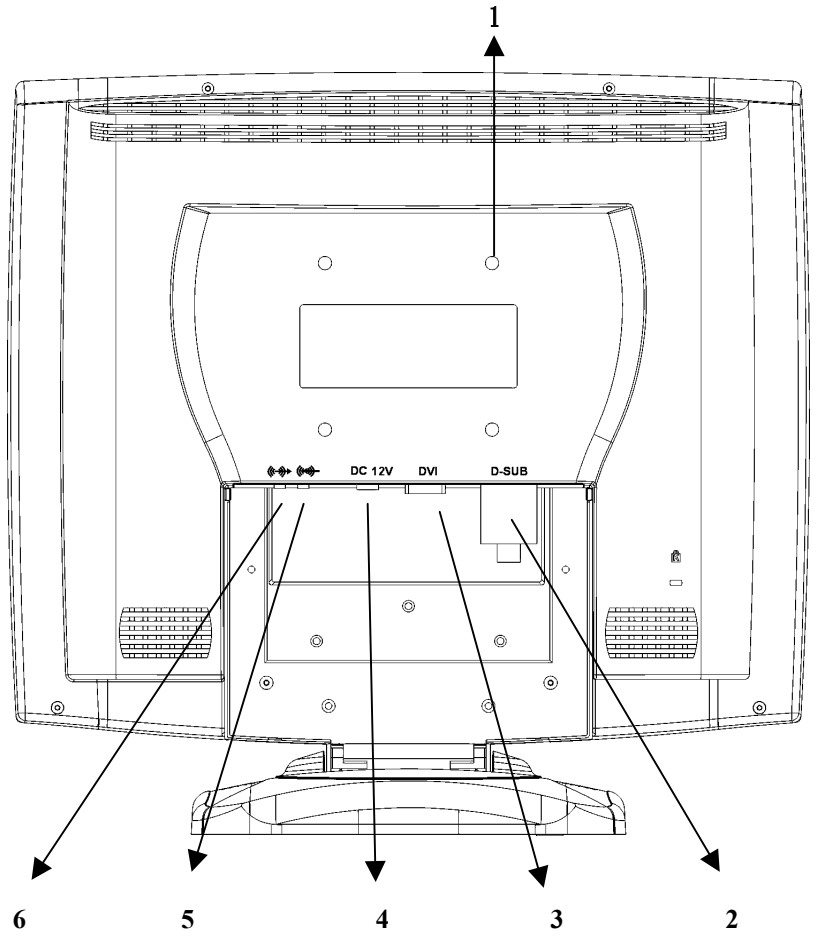
APPLE/MACINTOSH

Use of the 15-pin to 15-pin connector cable: Connect one end of the signal cable to the 15-pin connector on the rear of the Display; connect a MAC adapter to the video connector on the rear of the Apple/Macintosh computer. Then, plug the other end of the signal cable into the MAC adapter. (Contact your local Apple dealer for information on purchasing the correct conversion connector.)

5. Tighten the screws of the Display cable until the connectors are fastened securely.

6. Switch on power to the Computer system, then to the monitor.

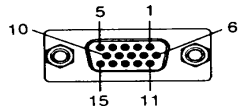
The following picture provides the connection outline



1 = Facility for fixing VESA wall bracket
2 = Video IN (D-SUB)
3 = Video IN (DVI-D)
4 = DC power IN
5 = Audio IN
6 = Speakers

5-3. Video Input Pin Assignment

This section describes the pin assignment of the LCD's video connector. It is called 15 Pin Mini D-sub Connector.

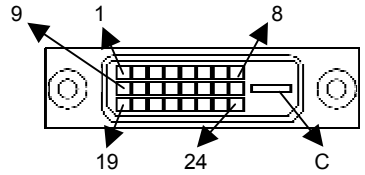


Pin NO.	Signal Connector
1	Red Video Signal
2	Green Video Signal
3	Blue Video Signal
4	N.C.
5	Ground
6	Ground for red video signal
7	Ground for green video signal
8	Ground for blue video signal
9	DDC +5 V
10	PC detection
11	N.C.
12	DDC data
13	Horizontal sync signal
14	Vertical sync signal
15	DDC clock

5. Hardware Installation

DVI-D Input Pin Assignment

This section describes the pin assignment of the LCD's video connector. It is called 24 Pin DVI-D Connector.



Pin NO.	Signal Connector	Pin NO.	Signal Connector
1	T2-	14	DDC POWER
2	T2+	15	GND
3	SGND	16	HPD
4	N.C.	17	T0-
5	N.C.	18	T0+
6	DDC CLK	19	SGND
7	DDC DAT	20	N.C.
8	N.C.	21	N.C.
9	T1-	22	SGND
10	T1+	23	TC+
11	SGND	24	TC-
12	N.C.		
13	N.C.	C	N.C.

6. The Display Timing

6-1 Applicable video timing

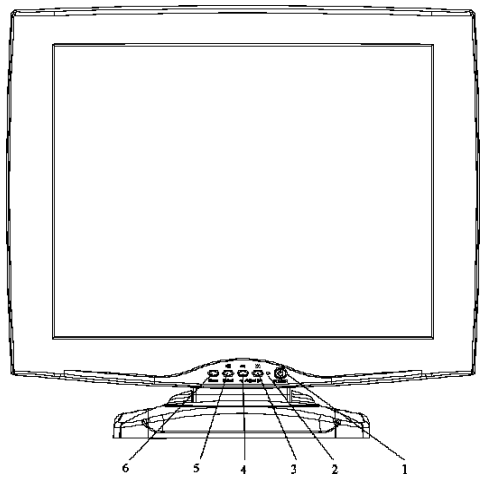
The following table lists the better display quality modes that the LCD monitor provides. If the other video modes are input, the monitor will stop working or display unsatisfactory picture quality.

VESA MODES					
			Horizontal	Vertical	VCLK
Mode	Resolution	Total	Nominal Frequency +/- 0.5KHz	Nominal Frequency +/- 1 Hz	Nominal Pixel Clock (MHz)
DOS	720*400@70Hz	900*449	31.469	70.087	28.322
VGA	640*480@60Hz	800*525	31.469	59.940	25.175
	640*480@72Hz	832*520	37.861	72.809	31.500
	640*480@75Hz	840*500	37.500	75.000	31.500
SVGA	800*600@56Hz	1024*625	35.156	56.250	36.000
	800*600@60Hz	1056*628	37.879	60.017	40.000
	800*600@72Hz	1040*666	48.077	72.188	50.000
	800*600@75Hz	1056*625	46.875	75.000	49.500
XGA	1024*768@60Hz	1344*804	48.363	60.004	65.000
	1024*768@70Hz	1328*806	56.476	70.069	75.000
	1024*768@75Hz	1312*800	60.023	75.029	78.750
	1152*864@75Hz	1600*900	67.500	75.000	108.00
SXGA	1280*1024@60Hz	1688*1066	63.981	60.020	108.00
IBM MODES					
EGA	640*350@70Hz	800*449	31.469	70.086	25.175
DOS	720*400@70Hz	900*449	31.469	70.087	28.322
VGA	640*480@60Hz	800*525	31.469	59.940	25.175
XGA	1024*768@72Hz	1304*798	57.515	72.1	75.000
MAC MODES					
VGA	640*480@60Hz	800*525	31.469	59.940	25.175
XGA	1024*768@75Hz	1328*804	60.241	74.927	80.000

Table 6.1 Applicable video timing

7. The Display Controls

7-1 Display Controls



1 = Power Switch
2 = Power LED
3 = Adjust (▸)
4 = Adjust (◂)
5 = Select
6 = Menu

1) MENU：

Enter to the OSD adjustment menu. It also used for go back to previous menu for sub-menu, and the change data don't save to memory.

2) SELECT:

To confirm the current selection. It also used for go back to previous menu for sub-menu, and the change data will be save to memory.
If pressed when menu is not active, VOLUME is adjusted.

3) ADJUST ▸ : (RIGHT)

To scroll up in sub menu or to increase value of selected item.
If pressed when menu is not active, BRIGHTNESS is adjusted.

4) ADJUST ◂ : (LEFT)

To scroll down in sub menu or to decrease value of selected item
If pressed when menu is not active, AUTO CINFIG is adjusted.

5) POWER SWITCH：

Pushing the power switch will turn the monitor on. Pushing it again to turn the monitor off.

6) POWER INDICATOR：

The LED will light with green color in normal on state, and will light with orange color in power saving mode.

7. The Display Controls

7-2 Screen Adjustment Operation Procedure

1) Entering the screen adjustment

The setting switches are normally at stand-by. Push the MENU button once to display the main menu of the screen adjustment. The adjustable items will be displayed in the main menu.

2) Entering the settings

Use the Adjust ◂ and Adjust ▸ buttons to select the desired setting icon and push the SELECT button to enter sub-menu.

3) Change the settings

After the sub-menu appears, use the Adjust ◂ and Adjust ▸ buttons to change the setting values.

4) Save

After finishing the adjustment, push the SELECT button to memorize the setting.

5) Return & Exit the main menu

Exit the screen adjustment, push the 'SELECT' button at the 'EXIT' of "MISC MENU". When no operation is done around 60 sec (default OSD timeout), it goes back to the stand-by mode and no more switching is accepted except MENU to restart the setting.

8-1 Main Menu

The OSD main menu (Figure 8-1) is displayed on screen when MENU key is pressed. The OSD menu is a combination of graphic and text display. The first line always shows the current selected or active menu item. The bottom line of main menu shows information of the input image.

The LEFT and RIGHT keys are used to scroll through items within the menu. The selected item is highlighted as the scrolling move along. The SELECT key is used to activate the highlighted item. During this state, MENU key is used to closed the OSD menu from the screen.

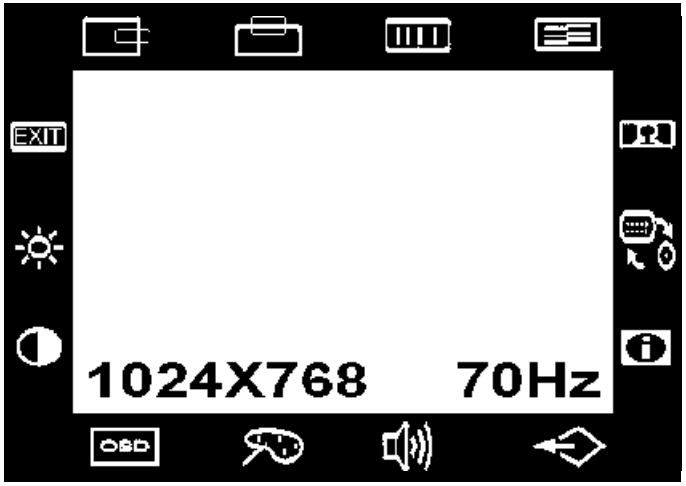


Figure 8-1

The following table shows the OSD functions that support different video input sources.

Please make sure which video source you want to use, then select correct item in the Input Source of OSD Miscellaneous function.

VIDEO INPUT / OSD ITEM	D-SUB	DVI-D
H-POSITION	SUPPORT	NO SUPPORT
V-POSITION	SUPPORT	NO SUPPORT
CLOCK	SUPPORT	NO SUPPORT
PHASE	SUPPORT	NO SUPPORT
AUTO CONFIG	SUPPORT	NO SUPPORT
INPUT	SUPPORT	SUPPORT
INFORMATION	SUPPORT	SUPPORT
RECALL	SUPPORT	SUPPORT
AUDIO	SUPPORT	SUPPORT
COLOR	SUPPORT	NO SUPPORT
OSD ADJUST	SUPPORT	SUPPORT
CONTRAST	SUPPORT	SUPPORT
BRIGHTNESS	SUPPORT	SUPPORT
EXIT	SUPPORT	SUPPORT

Figure 8-2

8.The Screen Adjustment

The OSD adjusting menu:

- **H-POSITION**：H-Position is used to adjust the horizontal image position manually. A slider with current value is displayed.

- **V-POSITION**：V-Position is used to adjust the vertical image position manually. A slider with current value is displayed.

- **CLOCK**：The item 'CLOCK' is used to adjust the number of clocks(pixels) per line (sample per line). A slider with current value is displayed.

- **PHASE**：The item 'PHASE' is used to adjust the ADC sample pixel clock. A slider with current value is displayed. The range of phase adjustment value is 0 to 100 for 0 to 360 degrees.

- **AUTO CONFIG** (D-SUB input source only)
  There are five items：**AUTO ADJUST, ATUO TRACKING, AUTO POSITION, AUTO COLOR** and **RETURN**. Use the Adjust [◂] and [▸] key to scroll up and down in menu, and then press the SELECT key to start this function. If the MENU key is pressed, the main menu is re-displayed and nothing is changed.

AUTO ADJUST：Used to perform automatic configuration of the phase、clock、vertical and horizontal position.

AUTO TRACKING：It is used to tune the clock & phase to the best condition automatically.

AUTO POSITION：It is used to center the image automatically. Both horizontal and vertical position is adjusted such that the image is centered on the panel.

AUTO COLOR：It is used to adjust the gain and offset of the Red, Green and Blue channels on the ADC automatically.

RETURN：Go back to main menu.

- **INPUT**
  This function is to select the applicable input source, analog input (D-sub), or Digital input (DVI-D).

- **INFORMATION**
  The "INFORMATION" menu provides the user with detailed information regarding the current input format and version (include resolution, pixel clock, vertical /horizontal frequency, software version, and input source).

- **RECALL**
  Recall is used to reload all factory default parameters, if the display is operating in a factory Preset Timing Mode listed in this user manual.

- **Audio Adjust**
  Volume increases the volume, decreases the volume, and mutes the audio.
  Balance adjusts the proportion of sound coming from each speaker.
  Bass adjusts the low (bass) frequency audio output.
  Treble adjusts the high (treble) frequency audio output.
  Mute temporarily silences audio output.

- **COLOR**
  Configure the image color. There are three item : 9300K、 6500K、 USER MODE.
  9300K : The item "9300K" is used to default 9300K color temperature.

  6500K : The item "6500K" is used to default 6500K color temperature.

  USER MODE:
  RED：The item "RED" is used to adjust the gain of red channel in ADC.
  GREEN：The item "GREEN" is used to adjust the gain of green channel in ADC.
  BLUE：The item "BLUE" is used to adjust the gain of blue channel in ADC.

- **OSD ADJUST**

Miscellaneous setting. There are five items：**OSD H POSITION、OSD V POSITION、LANGUAGE & SHARPNESS**.

-**OSD POSITION**：The item is used to setup the OSD menu position. The item "OSD POSITION" is used to setup the OSD menu position. The OSD menu horizontal and vertical position is adjusted separately. Each position adjustment item will bring up the slider window. The maximum value of the sliders are based on the size of the OSD menu.

-BLACK LEVEL ADJUST: The item "BLACK LEVEL ADJUST" is used to adjust the black-level (zero level offset) of the AD converters.

-LANGUAGE： The item is use to select the OSD menu in 5 language. English, Germany, French, Italian, Spanish

-SHARPNESS：This can adjust the video quality to be sharp or blur.

- **CONTRAST**

The Contrast menu item is used to adjust image contrast.

- **BRIGHTNESS**

Setup the brightness of the panel.

Note:

If you don't press any key during 45 seconds, the OSD will disappear by itself and not save the parameters.

8.The Screen Adjustment

8-2 How to use AUTO CONFIG Adjustment

This function can tune the parameters of **PHASE、CLOCK、H-POSITION** and **V-POSITION.**

Suggesting Adjustment Steps：

Step 1: Enter the "Windows" Shut-down frame. (Note：The **Wallpape**r color CAN NOT be black.)

Step 2: Enter OSD Main Menu and Choose the "AUTO CONFIG" item, then press SELECT key. The Picture will auto-adjust by itself. After 4 seconds, you can exit OSD and Shut-down frame.

Step 3: If you are not still satisfied with the picture quality, you could choose **CONTRAST** item in OSD Main Menu and adjust it.

Note:

1. If you don't like the effect of AUTO CONFIG adjustment, you can adjust PHASE, CLOCK**.....** items in OSD.

2. AUTO CONFIG adjustment can be used in "Windows" except black background frame, but the best effect is in the **SHUT DOWN** frame.

3. It is recommend to run " EDIT " program first, then do AUTO CONFIG adjustment in DOS mode.

9. Troubleshooting Tips

In the event that you experience trouble with your Display, check the following items before contacting the dealer from whom the Display was purchased. The most common problems usually involve an incorrectly an incorrect connection from the Video Card to the Display. We recommend that you also consult your Video Card User's manual during the Troubleshooting Procedure. Do not exceed the maximum refresh rate recommended for the display.

Problem	***Troubleshooting Tip***
No image on display screen	1.Check that power cord of the Computer has been connected securely into wall outlet or grounded extension cable or strip. 2.Check that power switch of the Display has been pressed and LED on the front of Display is lit. 3.Check that Video (Signal) Cable from the Display has been securely and correctly connected. 4.Check that Video Card is firmly seated in card slot of Computer motherboard. 5.Check that the video input from the Video Card falls within the timing range (listed in the table of section 6) of the Display.
Abnormal image.	1.Check that the video input from the Video Card falls within the timing range (listed in the table of section 6) of the Display. 2. Check that Video (Signal) Cable from the Display has been securely and correctly connected to the Video Connector at the rear side of the Computer.
Colors of image on screen are abnormal	1. Check that Video (Signal) Cable from the displays has been securely and correctly connected to the 15-pin Video Connector at the rear side of the computer.
Disturbances on Screen	1. OSD adjustment is incorrect. Please consult section 7 for OSD screen adjustment procedures.

10. Specification

Model	V7 L19
Type	V7 P19S
LCD panel type	19.0" TFT
Resolution	SXGA 1280X1024 Max.
Active display area	376 mm(H) x 301mm(V)
Pixel dimension	0.297 mm(H) x 0.297 mm (V)
OSD control	Auto Config, Brightness, Contrast , Color, Position
Manual control	Menu, Select, Adjust (◂ , ▸), Power.
AC/DC adapter	Input：AC 100 ~ 240V, 50 ~ 60Hz Output：+12 V DC.
Input signal	1. D-SUB Video：Analog 0.7 Vp-p. 75 ohms Sync.：TTL Level, Positive/Negative, Separate Sync. H Sync. ：30 ~ 82 KHz V Sync. ：56 ~ 75 Hz 2. DVI-D Video
Multimedia	3 W *2
Power Management	YES
Input connector	15 Pin D-Sub; 24 Pin DVI-D.
Regulation	Safety：CSA, CE, TÜV/GS
	EMI：FCC-B,MPRII,TCO-03 (option)
Dimensions	480 mm(W) x 458 mm(H)x 210 mm(D).
Weight	7.5 Kgs. (LCD Module only)
Accessory	VGA cable, AC / DC adapter, power cord.
Temperature	Operation ： 0 ~ 40°C
	Storage ：-20 ~ 60°C
Plug & Play	DDC 2B

※ : Specifications subject to change without notice

11. Appendix

11-1 Safety Guidelines

Warning：This device must be operated with the original power supply.
CAUTION：The socket-outlet should be installed near the equipment and should be easily accessible.
CAUTION：Use a power cable that is properly ground. Always use the appropriate AC cord that is certified for the individual country. Some examples are listed below:

USA……UL　　Switzerland…….SEV
Canada……..CSA　　Britain…….BASE/BS
Germany……VDE　　Japan…….Electric Appliance Control Act

IMPORTANT NOTICE CONCERNING POWER CORD SELECTION
The power cord set for this unit has been enclosed and been selected according to the country of destination and must be used to prevent electric shock. Use the following guidelines if it is necessary to replace the original cord set, or if the cord set is not enclosed.
The female receptacle of the cord set must meet IEC-60320 requirements and may look like (Figure A1 below):

Figure A1

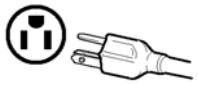


Figure A2

For the United States and Canada
In the United States and Canada the male plug is a NEMA5-15 style (Figure A2), UL Listed, and CSA Labeled. For units which are mounted on a desk or table, type SVT or SJT cord sets may be used. For units which sit on the floor, only
SJT type cord sets may be used. The cord set must be selected according to the current rating for your unit. Please consult the table below for the selection criteria for power cords used in the United States and Canada.

Code Type	Size of Conductors in Cord	Maximum Current Rating of Unit
SJT	18 AWG	10 Amps
	16 AWG	12 Amps
	14 AWG	12 Amps
SVT	18 AWG	10 Amps
	17 AWG	12 Amps

For European Countries
In Europe you must use a cord set which is appropriate for the receptacles in your country. The cord set is HAR-Certified, and a special mark that will appear on the outer sheath, or on the insulation of one of the inner conductors.

AC PLUG CORD PRECAUTIONS FOR THE UNITED KINGDOM
FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY.
IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLETTHEN THE PLUG SHOULD BE CUT OFF AND DISPOSED OF SAFELY.

THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO AN APPROPRIATE SOCKET.

If a new plug is to be fitted, please observe the wiring code as shown below.
If in any doubt, please consult a qualified electrician.

WARNING：THIS APPLIANCE MUST BE EARTHED.

IMPORTANT： The wires in this mains lead are coloured in accordance with the following code:
Green-and-Yellow：Earth
Blue：Neutral
Brown：Live

If the coloured wires of the mains lead of this appliance do not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the Earth symbol or coloured GREEN or GREEN-AND-YELLOW.

The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

If you have any questions concerning which proper power cord to use, please consult with the dealer from whom you have purchased the product.

11-2 Compliance Information for U.S.A.

The equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules, These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a Particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Warning

To assure continued FCC compliance, the user must use ground power supply cord and the provided shielded video interface cable with bonded ferrite cores. If a BNC cable is going to be used, use only a shielded BNC(5) cable. Also, any unauthorized changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

11-3 CE Conformity for Europe

CE

The device complies with the requirements of the ECC directive 89/336/EEC as amended by 92/31/EEC and 93/68/EEC Art.5 with regard to "Electromagnetic compatibility", and 73/23/EEC as amended by 93/68/EEC Art.13 with regard to "Safety".

DECLARATION OF CONFORMITY

Importer's Name: INGRAM MICRO EUROPE AG
Importer's Address: Heisenbergbogen 3
D-85609 Dornach/Aschheim
Germany

Declares, that the products
Product Name: 19-inch color monitor
Model Number: V7 L19 Series
Part Number : V7 P19S

Confirm to the following product specifications:
Safety: IEC950: 1991+A1, A2, A3,A4,A11/EN60950: 1992+A1, A2 A3,A4+A11
EMC : EN55022: 1998 -Class B
EN50082-1: 1992 -General immunity
EN61000-3-2: 1995/A1/A2:1998
EN61000-3-3: 1995
FCC title 47 CFR, Part 15 Class B / ICES-003 Issue 2

Supplementary information:
The products herewith comply with the requirements of the following Directive and carry the CE marking accordingly:
- The EMC Directive 89/336/EEC (including 93/68/EEC)
- The low voltage Directive 73/23/EEC (including 93/68/EEC)

These Devices comply with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) the devices may not cause harmful interference and (2) the devices must accept any interference received, including interference that may cause undesired operation.

Ingram Micro Europe AG

For Regulatory compliance information only, contact:
INGRAM MICRO EUROPE AG
Heisenbergbogen 3
D-85609 Dornach/Aschheim
Germany

V7 VIDEOSEVEN Monitor Warranty Conditions

V7 VIDEOSEVEN monitors (CRTs) are delivered with a 36-month on-site exchange warranty in accordance with the following conditions.

1. Extent of Warranty
The warranty begins on the date of purchase at your specialty retailer. It applies to the device and all of its components. The warranty applies only to V7 VIDEOSEVEN monitors for which a 36-month warranty with on-site exchange service has been expressly stated. All LCD monitors are excluded, as are similar V7 VIDEOSEVEN products for which no express warranty with on-site exchange service is offered. V7 VIDEOSEVEN LCD monitors are offered with a 36-month warranty (sometimes including backlight and panel – depending on the model). No on-site exchange service applies to all LCD monitors, but rather either Bring-In or Pick-Up service (depending on model).

On-site Exchange Service includes that, on instructions from INGRAM MACROTRON Distribution GmbH, a different, repaired and refurbished substitute device with the same or better technical specifications will be sent to the purchaser, and at the same time the defective monitor with the reported serial number will be picked up. The customer has no right to a substitute device without returning the defective device. If the customer should not be present at the appointment time agreed upon with the service provider commissioned by Ingram Macrotron, the right to on-site exchange shall lapse. In this case, the customer must bear the cost of a new exchange at a new date.
Pick-Up Service includes that the defective LCD monitor is picked up from the customer and then repaired at our service department. The customer receives the same device back after repair (if it is still repairable, otherwise, an equivalent or higher-value device).
Bring-In Service includes that the defective LCD Monitor is sent by the customer to the repair center commissioned by Ingram Macrotron, repaired there (if it is still repairable, otherwise an equivalent or higher-value device will be provided), and then returned to the customer from the repair center. In this case, shipping costs to the repair center are the responsibility of the customer, and return costs are the responsibility of Ingram Macrotron.

Exchange or repair does not cause any extension of the warranty period. Additional claims are excluded, particularly claims to cancellation of the contract, price reduction, or compensation for damages. This warranty only applies to the original purchaser of the device at a specialty dealer and is not transferable.

2. Procedure/Required Documentation
Retail customers report their breakdown to the Service Partner of INGRAM MACROTRON Distribution GmbH using the following hotline number and country extension.

	+ 49-700-555-333 -	
German	-11	
English	-12	
English	-13	
French		-14
Italian		-15
Spanish, Portuguese	-16	

The service department needs the following information:

- Serial number
- Precise product designation
- Invoice and/or delivery note number
- Copy of the purchase invoice
- Exact description of defect

After the information is checked, the customer will receive a claim number. The service provider commissioned by Ingram Macrotron makes an appointment with the customer to pick up the monitor. If the customer is not present at the agreed-upon time, the right to pick-up lapses and the customer is required to bear the costs for repair and transportation at the next contact. Missing documentation and missing information lead to delays and costs that arise in connection with them will be charged to the customer as necessary. The Pick-up-Swap-Service applies to the models L15E, L15EM, L17EM, L17EB, L19EM. This service requires that the unit will be picked up from the customer and sent to the service provider for a check up. In the case the unit is defect and without any visible damages, a refurbished unit will immediately be sent to the customer. If the unit claimed as faulty has no defects the unit will be returned to the customer at an equivalent of 30€ for handling charges. If the unit has visible damages which are detected during check up the same unit will be repaired and returned free of charge to the customer.At the event of reselling a Videoseven Display by a non authorized V7 dealer the warranty conditions will not be valid anymore. The warranty is not transferable and its only valid if sold by a dealer to an end user. Further requests such as upgrades, credit notes or compensations will not be granted.

3. Warranty services are excluded for the following causes of damage:
a) Neglect, improper use, or abuse, including but not limited to improper mechanical or electrical use, or operation outside of the stated operating conditions.
b) Adjustment, repair, or modification by personnel not authorized to do so by INGRAM MACROTRON DISTRIBUTION GmbH.
c) Unsuitable operating conditions, excessive or insufficient heating or cooling, or power failures, power surges, or other irregularities.
d) Damage arising from non-compliance with the operating manual, e.g., connection to improper mains voltage or current type, and damage arising from negligent treatment or abuse.
e) Accidents or acts of God, including but not limited to earthquake, fire, flood, water, storms, and lightning strikes, or
f) If the serial number is illegible or has been removed.

4. Costs
The purchaser shall assume all costs incurred by INGRAM MACROTRON Distribution GmbH or the contractual partners of INGRAM MACROTRON Distribution GmbH when a source of damage pursuant to No. 3 above is determined, or when no defect in the device can be established.

5. Performance
INGRAM MACROTRON Distribution GmbH's performance within the framework of the on-site exchange warranty is limited to the exchange of the defective device for a repaired device with a refurbished housing, but without accessories. The extent of the refurbishment of a defective device is the responsibility of INGRAM MACROTRON Distribution GmbH or the service partner commissioned by Ingram Macrotron. No legal claims against INGRAM MACROTRON Distribution GmbH can be asserted with regard to the extent of refurbishment of a substitute device, except for the functionality and technical specifications of the substitute device.

6. Legal Rights
This warranty does not impair the purchaser's legal rights: However, to the extent permissible by law, INGRAM MACROTRON Distribution GmbH hereby excludes any liability for compensation for physical damage, indirect damage, expenses arising in the fulfillment of contracts, or consequential damages or losses.

7. Applicability
Warranty processing can only take place from the country in which the monitors were originally sold.

8. The Transportation
For clarity on transport damage liability we require you the follow bellow instructions. For Transport only use the original packaging along with its Styrofoam or original / membrane packaging provided by the service provider. In the case of transport damage in which the unit was not packed in original carton V7 Videoseven, its service provider nor the transport company will take responsibility. In order to avoid we would like to request you to do the following: Ask the service provider to send you an original carton / membrane packaging freight collect.

9. Scope of Warranty coverage
V7 does not take any responsibility nor warrants any guaranty for consequential damages or coasts resulting though a defect unit or an install software or a customer misuses. Compatibility problems related to the software delivered by V7 displays can not be claimed to V7.

10. Warranty condition
All of the about conditions are independent from each other's validity. The warranty conditions of V7 Displays are subject to change without prior notice. Fallacies in the warranty conditions can not be claimed at V7.